

claims.

WHAT IS CLAIMED IS:

1. An image processing apparatus for performing print simulation through a computer network, comprising:

5 a device selector, arranged to select a color printer on the network as a print simulation target, and to select another color printer on the network which is used to output a simulation result of the target printer;

10 a profile selector, arranged to select a profile required for a color matching process of the print simulation through the network, and to set the selected profile in the target printer;

a communication section, arranged to transmit
15 image data which is to perform a color matching process to the target printer, and to receive the image data that has performed the color matching process according to the selected profile from the target printer; and

an output section, arranged to make the
20 simulation output printer output an image based on the received image data.

2. The apparatus according to claim 1, wherein said image processing apparatus and the simulation output printer are present in a single site, the target
25 printer is present in another site, and the two sites are connected through the computer network.

3. The apparatus according to claim 1, wherein the

profile is acquired by searching a profile database connected to the target printer, and a profile database present in the same site as said image processing apparatus in turn.

5 4. The apparatus according to claim 1, wherein the profile is acquired by searching a profile database connected to the target printer, a profile database present in the same site as the target printer, and a profile database present in the same site as said image
10 processing apparatus in turn.

5. The apparatus according to claim 1, further comprising a designator arranged to designate a data format of the image data to be received, which has performed the color matching process, and wherein said
15 communication section informs the target printer of the designated data format.

6. The apparatus according to claim 5, wherein the target printer rasterizes the image data that has performed the color matching process to bitmap data,
20 converts the rasterized bitmap data to image data of the designated data format, and transmits the converted image data to said image processing apparatus.

7. An image processing apparatus for performing print simulation through a computer network,
25 comprising:

 a device selector, arranged to select a color printer on the network as a print simulation target,

and to select another color printer on the network which is used to output a simulation result of the target printer;

5 a profile selector, arranged to select a profile required for a color matching process of the print simulation through the network, and to designate a server of a site where the target printer is present to use the selected profile;

10 a communication section, arranged to transmit image data which is to perform a color matching process to the server, and to receive the image data that has performed the color matching process according to the selected profile from the server; and

15 an output section, arranged to make the simulation output printer output an image based on the received image data.

8. The apparatus according to claim 7, further comprising a designator arranged to designate a data format of the image data to be received, which has
20 performed the color matching process, and wherein said communication section informs the target printer of the designated data format.

9. The apparatus according to claim 8, wherein the server transmits the image data that has preformed the
25 color matching process to the target printer, and receives image data of the designated data format from the target printer.

10. The apparatus according to claim 9, wherein the target printer rasterizes the image data received from the server into bitmap data, converts the rasterized bitmap data to image data of the designated data format, and transmits the converted image data to server.

11. An image processing apparatus for performing a preview process through a computer network, comprising:
a device selector, arranged to select a color printer on the network as a preview target, and to select a color monitor on the network which is used to display a preview image;

a profile selector, arranged to select a profile required for a color matching process of the preview image through the network, and to set the selected profile in the target printer;

a communication section, arranged to transmit image data which is to perform a color matching process to the target printer, and to receive the image data that has performed the color matching process according to the selected profile from the target printer; and

an output section, arranged to make the preview display monitor display an image based on the received image data.

12. An image processing apparatus for performing a preview process through a computer network, comprising:

a device selector, arranged to select a color

printer on the network as a preview target, and to select a color monitor on the network which is used to display a preview image;

5 a profile selector, arranged to select a profile required for a color matching process of the preview image through the network, and to designate a server of a site where the target printer is present to use the selected profile;

10 a communication section, arranged to transmit image data which is to perform a color matching process to the server, and to receive the image data that has performed the color matching process according to the selected profile from the server; and

15 an output section, arranged to make the preview display monitor display an image based on the received image data.

13. An image processing method for performing print simulation through a computer network, comprising steps of:

20 selecting a color printer on the network as a print simulation target, and selecting another color printer on the network which is used to output a simulation result of the target printer;

25 selecting a profile required for a color matching process of the print simulation through the network;

setting the selected profile in the target printer;

transmitting image data which is to perform a color matching process to the target printer;

receiving the image data that has performed the color matching process according to the selected

5 profile from the target printer; and

making the simulation output printer output an image based on the received image data.

14. An image processing method for performing print simulation through a computer network, comprising steps

10 of:

selecting a color printer on the network as a print simulation target, and selecting another color printer on the network which is used to output a simulation result of the target printer;

15 selecting a profile required for a color matching process of the print simulation through the network;

designating a server of a site where the target printer is present to use the selected profile;

20 transmitting image data which is to perform a color matching process to the server;

receiving the image data that has performed the color matching process according to the selected profile from the server; and

25 making the simulation output printer output an image based on the received image data.

15. An image processing method for performing a preview process through a computer network, comprising

steps of:

selecting a color printer on the network as a preview target, and selecting a color monitor on the network which is used to display a preview image;

5 selecting a profile required for a color matching process of the preview image through the network;

setting the selected profile in the target printer;

transmitting image data which is to perform a
10 color matching process to the target printer;

receiving the image data that has performed the color matching process according to the selected profile from the target printer; and

making the preview display monitor display an
15 image based on the received image data.

16. An image processing method for performing a preview process through a computer network, comprising steps of:

selecting a color printer on the network as a
20 preview target, and selecting a color monitor on the network which is used to display a preview image;

selecting a profile required for a color matching process of the preview image through the network;

designating a server of a site where the target
25 printer is present to use the selected profile;

transmitting image data which is to perform a color matching process to the server;

receiving the image data that has performed the
color matching process according to the selected
profile from the server; and

making the preview display monitor display an
5 image based on the received image data.